

Title (en)

RADIATION DETECTING APPARATUS AND RADIATION DETECTING SYSTEM

Title (de)

STRAHLUNGSDETEKTIONSVORRICHTUNG UND STRAHLUNGSDETEKTIONSSYSTEM

Title (fr)

APPAREIL DE DETECTION DE RADIATION ET SYSTEME DE DETECTION DE RADIATION

Publication

EP 1911094 A4 20120314 (EN)

Application

EP 06768394 A 20060725

Priority

- JP 2006315087 W 20060725
- JP 2005214227 A 20050725
- JP 2006195146 A 20060718

Abstract (en)

[origin: WO2007013643A1] A radiation detecting apparatus includes plural pixels each provided with a switching element disposed on an insulating substrate and a conversion element disposed on the switching element, and plural signal wirings arranged in one direction and connected with the plural switching elements, wherein the conversion elements have electrodes separated respectively for the pixels, the switching element is connected with the electrode for each pixel, and both ends of the signal wiring, opposed to each other in a width direction, and both ends of the control wiring, opposed to each other in a width direction are disposed inside of an area of the electrode when seen from above the conversion element.

IPC 8 full level

H01L 27/146 (2006.01); **G01T 1/20** (2006.01); **G01T 1/24** (2006.01); **H01L 27/14** (2006.01); **H01L 27/144** (2006.01); **H04N 25/00** (2023.01)

CPC (source: EP US)

H01L 27/14658 (2013.01 - EP US); **H01L 27/14663** (2013.01 - EP US); **H01L 31/119** (2013.01 - EP US)

Citation (search report)

- [X] JP 2004265935 A 20040924 - CANON KK
- [A] WO 2004073068 A1 20040826 - CANON KK [JP], et al
- [A] WO 2005050981 A1 20050602 - CANON KK [JP], et al
- See also references of WO 2007013643A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007013643 A1 20070201; CN 101228632 A 20080723; CN 101228632 B 20100519; EP 1911094 A1 20080416; EP 1911094 A4 20120314; EP 1911094 B1 20130410; JP 2007059887 A 20070308; JP 5043380 B2 20121010; US 2009032680 A1 20090205; US 7645976 B2 20100112

DOCDB simple family (application)

JP 2006315087 W 20060725; CN 200680027124 A 20060725; EP 06768394 A 20060725; JP 2006195146 A 20060718; US 91691906 A 20060725